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(54) STEEL PIPE STRUCTURE

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a steel pipe structure capable of constituting a joint section excellent in flexibility, earthquake resisting structural efficiency or the like capable of mounting steel frame manufacturing efficiency such as welding work, steel frame working or the like and various outside steel members.

SOLUTION: The steel pipe structure includes a steel pipe 2 provided with slits 5, a diaphragm 3 mounted to the inside of the steel pipe 2 and slit welding sections 8, and the steel pipe structure is so constituted that the slits 5 are formed by passing through a pipe wall of the steel pipe 2 in a position corresponding to the end face of the diaphragm 3, the slit welding sections 8 are formed by filling the slits 5 divided by the pipe wall of the steel pipe 2 holding the slits 5 and the end face of the diaphragm 3 with a weld metal from the outside of the steel pipe 2 and that the pipe wall of the steel pipe 2 is integrally connected to the diaphragm 3.

